### PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No:

29888/39521

### PATENT APPLICATION TRANSMITTAL UNDER 37 C.F.R. 1.53

Commissioner for Patents Box Patent Application P.O. Box 1450 Alexandria, VA 22313-1450

| 22141 U.S. PTO<br>10/698801 | 103103 |
|-----------------------------|--------|
| ×                           |        |

| Alexar         | ndria, V    | A 22313-1450  |  |  |  |
|----------------|-------------|---|--|--|--|
| Sir:           |             |   |  |  |  |
| Transr         | nitted he   | rewith for filing is the patent application of                      |  |  |  |
| Invent         | or:         | Alireza Karimi Ziarani  |  |  |  |
| Title:         |             | SYSTEM AND METHOD OF EXTRACTION OF NONSTATIONARY SINUSOIDS          |  |  |  |
| 1. <b>Type</b> |             | of Application  |  |  |  |
|                | $\boxtimes$ | This is a new application for a                                     |  |  |  |
|                |             | utility patent.   |  |  |  |
|                |             | design patent.  |  |  |  |
|                |             | This is a continuation-in-part application of prior application no. |  |  |  |
|                |             |   |  |  |  |
| 2.             | Appli       | cation Papers Enclosed  |  |  |  |
|                | 1 ;         | Title Page  |  |  |  |
|                | 29          | Pages of Specification (excluding claims, abstract, and drawings)   |  |  |  |
|                | 7 ′         | Page of Claims  |  |  |  |
|                | 1           | Page of Abstract  |  |  |  |
|                | 17          | Sheets of Drawings (Figs. 1 to 19b)                                 |  |  |  |
|                |             | ☐ Formal  |  |  |  |
|                |             |   |  |  |  |
|                |             |   |  |  |  |

### **CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that this Patent Application Transmittal and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on October 31, 2003, in an envelope addressed to the Commissioner for Patents, Box Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EV323780033US.

Richard Zimmermann

| 3. | Declaration 1  | Oath       |   |           |  |                  |                 |      |
|----|----------------|------------|---|-----------|--|------------------|-----------------|------|
|    |                | Enclos     | sed   |           |  | •                |                 |      |
|    |                |            | Executed  | by (che   | eck all applicable boxes                                     | )                |                 |      |
|    |                |            | I   | [nvento   | r(s)   |                  |                 |      |
|    |                |            |   |           | epresentative of invento<br>R 1.42 or 1.43)                  | or(s)            |                 | •    |
| ٠. |                | •          |   |           | ventor or person showir<br>r who refused to sign or          |                  |                 | lf o |
|    |                |            |   |           | The petition required to required by 37 CFR 1 below for fee. |                  |                 | nt   |
|    |                | •          | . •   |           |  |                  |                 |      |
|    |                |            |   |           | igned attorney or agent (s). An executed declar              |                  |                 | tion |
| t  | <i>:</i>       |            |   | J         |  |                  | •               | :    |
| 4. | Small Entity S | Status     |   |           |  |                  |                 | ٠.   |
|    |                | cant clain | ns small enti   | tv. etatu | s. See 37 CFR 1.27.  | , _,`            |                 |      |
|    | Z rippin       | Curr Crarr | , on the state of | ty otata  |  |                  |                 |      |
|    | · .            | A sma      | all entity state  | ement i   | s(are) attached.   |                  |                 |      |
|    | _              |            |   |           |  | •                | *               |      |
|    |                |            |   |           | -  | •                |                 |      |
| 5. | Additional Pa  | pers Enc   | losed   |           |  |                  |                 |      |
|    |                | Prelin     | ninary Amen   | dment     | •  |                  |                 |      |
| •  |                | Inforn     | nation Disclo   | sure St   | tatement   | •                |                 |      |
|    |                | Declar     | ration of Bio   | logical   | Deposit  |                  | •               |      |
|    |                | -          | puter readabl<br>sequence   | le copy   | of sequence listing con                                      | taining nucleoti | de and/or amino | )    |
|    |                | Micro      | fiche compu   | ter prog  | gram   |                  |                 |      |
|    |                | Assoc      | iate Power o  | f Atton   | ney  |                  |                 |      |
|    |                | Verifi     | ed translation  | n of a n  | on-English patent appli                                      | cation           | ·               |      |
|    |                | , An ass   | signment of   | the inve  | ention   |                  |                 |      |
|    |                | Reque      | st and Certif   | fication  | Under 35 U.S.C. 122(b  | o)(2)(B)(i)      |                 |      |
|    | $\boxtimes$    | Return     | receipt pos   | tcard     | •  |                  |                 |      |
|    |                | Other      |   |           |  |                  |                 |      |

| 6. | Priority Applications Under 35 USC 119  |
|----|---|
|    | Certified copies of applications from which priority under 35 USC 119 is claimed are listed below and |

|        | are attached. |
|--------|---------------|
| $\Box$ | will follow   |

| COUNTRY | APPLICATION NO. | FILED |  |  |
|---------|-----------------|-------|--|--|
|         |                 |       |  |  |
|         |                 |       |  |  |
|         |                 |       |  |  |

# 7. Filing Fee Calculation (37 CFR 1.16)

A. Utility Application

|                       |                    |            | SMAL    | L ENTITY | OTHER THAN | •        |
|-----------------------|--------------------|------------|---------|----------|------------|----------|
|                       | NO. FILED          | NO. EXTRA  | RATE    | FEE      | RATE       | FEE      |
| BASIC FEE             | ,                  | 3 .        | ,       | \$385.00 |            | \$770.00 |
| TOTAL                 | 40 - 20            | = 20       | X 9=    | \$180.00 | X 18 =     |          |
| INDEP.                | 3 - 3              | = 0        | X 42 =  |          | X 86 = .   |          |
| First Presentation of | Multiple Dependent | Claim      | + 140 = |          | + 290 = :  |          |
|                       |                    | Filing Fee | :       | \$565.00 | OR         |          |

| B. |       | <b>Design Application (\$165.00/\$330.00)</b> Filing   | Fee: |
|----|-------|--|------|
| C  |       | Plant Application (\$255.00/\$510.00) Filing   | Fee: |
| D. | Other | r Fees   |      |
|    |       | Recording Assignment [Fee — \$40.00 per assignment]  |      |
|    |       | Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached [Fee — \$130.00] |      |
|    |       | Other  |      |

Total Fees Enclosed \$565.00

### 8. Method of Payment f Fees

| X | Enclo | Enclosed check in the amount of:  |  |  |  |
|---|-------|---|--|--|--|
|   |       | Charge Deposit Account No: 13-2855 in the amount of A copy of this Transmittal is enclosed. |  |  |  |
|   |       | Not enclosed  |  |  |  |

### 9. Deposit Account and Refund Authorization

The Commissioner is hereby authorized to charge any deficiency in the amount enclosed or any additional fees which may be required during the pendency of this application under 37 CFR 1.16 or 37 CFR 1.17 or under other applicable rules (except payment of issue fees), to Deposit Account No. 13-2855. A copy of this Transmittal is enclosed.

Please refund any overpayment to Marshall, Gerstein & Borun LLP at the address below.

### 10. Correspondence Address

Customer No. 04743

Respectfully submitted,

MARSHALL, GERSTEIN & BORUN LLP 6300 Sears Tower 233 South Wacker Drive Chicago, Illinois 60606-6357 (312) 474-6300 (Telephone) (312) 474-0448 (Telefacsimile)

\$565.00

By:

Anthony G. Sitko Reg. No. 36,278

October 31, 2003